6 Adjustments carried out by the authorized dealer

This chapter is expressly intended for trained authorized dealers.

Authorized dealers should inspect the wheelchair thoroughly for wear or damage and replace components as necessary

Minor changes may have great effects on the seat position and the driving behaviour and thus the safety. Since many adjustments influence each other, sufficient product know-how and technical experience is required in order to carry out these adjustments properly.

We recommend that you have all adjustments and repair work described in this section carried out by an authorized Küschall® dealer.

For your local authorized dealer, please contact the küschall® representation in your country (see back of this user manual).

6.1 Back height adjustment

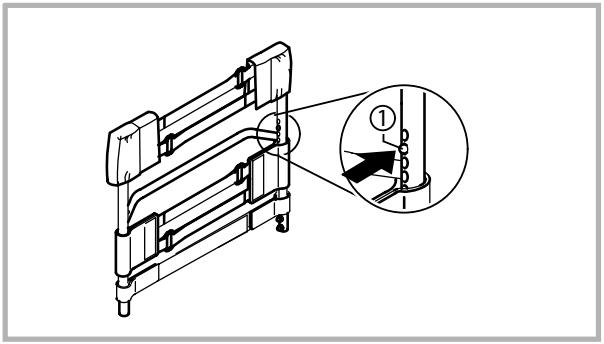


Figure 26

- Remove the adjustable backrest cover and the top Velcro® band.
- Slide the remaining Velcro® bands up or down, until the spring clip ① positioned in one of the holes is visible.
- Press the spring clip ① into the tube.
- Adjust the backrest tube up or down into the required position.
- Repeat this procedure on the other side of the backrest.
- Attach the Velcro® band and re-assemble the adjustable backrest cover.

6.2 Backrest angle adjustment

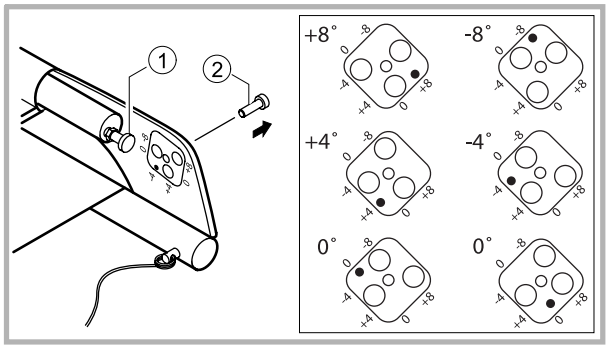


Figure 27

- Fold down backrest, loosen the counter nut of the placement bolt ① and tighten the bolt completely.
- Loosen the lens head bolt ②.
- Remove excenter, turn or flip and turn to create correct angle.
- Replace and retighten bolt ②.
- Open the backrest up, until the bolts click into place. Unscrew the placement bolt ① until it rest against the frame and the backrest joint no longer has any leeway.
- Retighten the counter nut.

The position of the backrest angle must be the same on both sides of the chair.

6.3 Vario-Ax Adjustment

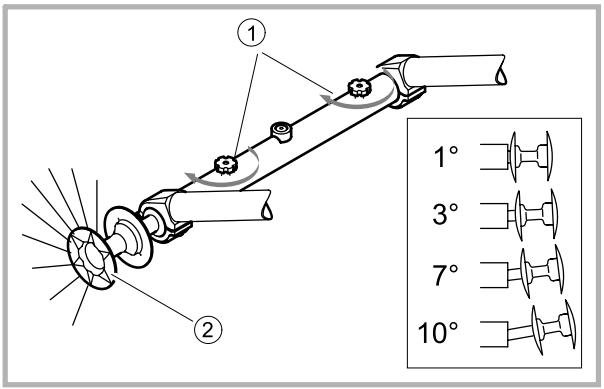


Figure 28

- Loosen the knurled head screw ① on the Vario-Ax.
- Pull the wheel at the hub ② until the required camber is reached. The possible calibrations are 1, 3, 7 and 10 degrees.
- Ensure the required camber has been latched in correctly.
- Re-tighten the knurled head screw.

Do not tighten the knurled head screw to hard, the mechanism will otherwise block and break.

Please note that the parking brakes will no longer function with a camber alteration of more than 2 steps (ex from 1° to 10°).

6.4 Rear Wheel Position

The rear wheel position can be adjusted when a rear wheel extension is mounted. The further back you mount the adapter sleeve, the higher the tipping safety of the wheelchair is.

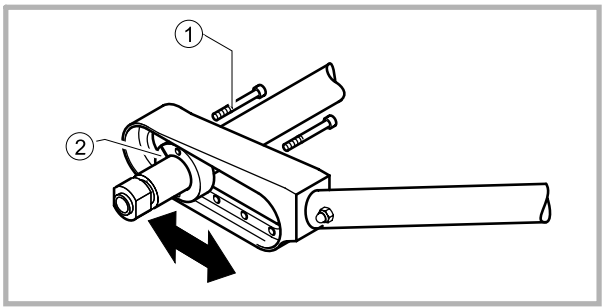


Figure 29

- Remove bolt ① from both sides of the rear wheel extension (allen key 4mm).
- Slide the camber bar along the rear wheel extension to the required position.
- Tighten bolts ①.

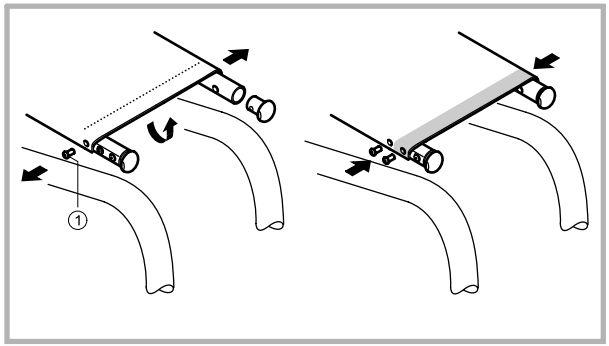
Wheelchairs with ST25 and 27.5 are ecquiped with a frameguard. Remove this before extending the seat and subsequently cut it to the required length.

After adjustment tighten all bolts firmly.

The parking brakes must be readjusted after alterations are made to the rear wheel position.

6.5 Seat Extension

The seat of the K-Junior can be extended by 2.5cm. The seat cover is turned down at the front and fixed to the underneath of the seat with Velcro to this purpose



Seat deapth Extension from ST25 / ST27.5 / ST30

- Loosen the formost bolt ① on both sides of the seat cover.
- Unfold the seatcover extension flap and refasten the cover to the seat frame.

Seat depth Extension from ST32.5 / ST35 / ST37.5

- Loosen the formost bolt ① on both sides of the seat cover.
- Unscrew the pin and replace it by the provided extension pin.
- Unfold the seatcover extension flap and refasten the cover to the seat frame with the extension pin.